

## ABSTRACT

A method and system are provided for paging a mobile device in the intersection of logical areas of two or more different subsystems using information indicative of the logical areas of each subsystem in which the mobile device is likely located. In some embodiments, only those cells which belong to at least two of the different logical areas in which the mobile device is likely located are used to page the mobile device. In some embodiments, the intersection area is used to provide paging access to a first network on which a mobile is not active, by sending a first network page or a request to listen for the page over the second network.